Abstract

The inventive data exchange device comprises a transmitter (SA4) fed by a power supply (VDDA), an electric cable (C1) whose first conducting wire is connected to a fixed potential point (GNDA) of the transmitter and second conducting wire is connected to a variable potential point of the transmitter and a receiver (SB4). Said receiver (SB4) comprises a component (DZB4) which defines a voltage threshold opposite to the direction of electric current in the cable (C1). Said device is embodied in such a way that it is simple and low-cost in the production thereof. The device makes it possible to interconnect a plurality of transmitters and receivers and is low sensitive with respect to voltage and parasite currents.